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NEWS 11 Jun 10 PCTFULL has been reloaded
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NEWS 13 Jul 22 USAN to be reloaded July 28, 2002;
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NEWS 14 Jul 29 Enhanced polymer searching in REGISTRY
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NEWS 16 Aug 08 CANCERLIT reload
NEWS 17 Aug 08 PHARMAMarketLetter(PHARMAML) - new on STN
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NEWS 19 Aug 19 Aquatic Toxicity Information Retrieval (AQUIRE)
now available on STN
NEWS 20 Aug 19 IFIPAT, IFICDB, and IFIUDB have been reloaded
NEWS 21 Aug 19 The MEDLINE file segment of TOXCENTER has been reloaded
NEWS 22 Aug 26 Sequence searching in REGISTRY enhanced
NEWS 23 Sep 03 JAPIO has been reloaded and enhanced
NEWS 24 Sep 16 Experimental properties added to the REGISTRY file
NEWS 25 Sep 16 CA Section Thesaurus available in CAPLUS and CA
NEWS 26 Oct 01 CASREACT Enriched with Reactions from 1907 to 1985
NEWS 27 Oct 21 EVENTLINE has been reloaded
NEWS 28 Oct 24 BEILSTEIN adds new search fields
NEWS 29 Oct 24 Nutraceuticals International (NUTRACEUT) now available on STN
NEWS 30 Oct 25 MEDLINE SDI run of October 8, 2002
NEWS 31 Nov 18 DKILIT has been renamed APOLLIT
NEWS 32 Nov 25 More calculated properties added to REGISTRY
NEWS 33 Dec 02 TIBKAT will be removed from STN
NEWS 34 Dec 04 CSA files on STN
NEWS 35 Dec 17 PCTFULL now covers WP/PCT Applications from 1978 to date
NEWS 36 Dec 17 TOXCENTER enhanced with additional content
NEWS 37 Dec 17 Adis Clinical Trials Insight now available on STN
NEWS 38 Dec 30 ISMEC no longer available
NEWS 39 Jan 13 Indexing added to some pre-1967 records in CA/CAPLUS
NEWS 40 Jan 21 NUTRACEUT offering one free connect hour in February 2003
NEWS 41 Jan 21 PHARMAML offering one free connect hour in February 2003
NEWS 42 Jan 29 Simultaneous left and right truncation added to COMPENDEX,
ENERGY, INSPEC
NEWS 43 Feb 13 CANCERLIT is no longer being updated

NEWS EXPRESS January 6 CURRENT WINDOWS VERSION IS V6.01a,

CURRENT MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),
 AND CURRENT DISCOVER FILE IS DATED 01 OCTOBER 2002

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FILE 'HOME' ENTERED AT 15:02:40 ON 20 FEB 2003

=> file medline, uspatful, dgene, embase		
COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.42	0.42

FILE 'MEDLINE' ENTERED AT 15:03:35 ON 20 FEB 2003

FILE 'USPATFULL' ENTERED AT 15:03:35 ON 20 FEB 2003
 CA INDEXING COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'DGENE' ENTERED AT 15:03:35 ON 20 FEB 2003
 COPYRIGHT (C) 2003 THOMSON DERWENT

FILE 'EMBASE' ENTERED AT 15:03:35 ON 20 FEB 2003
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=> s islet neogenesis associated protein
 L1 61 ISLET NEOGENESIS ASSOCIATED PROTEIN

=> s l1 and recombinant construct
 L2 7 L1 AND RECOMBINANT CONSTRUCT

=> d l2 ti abs ibib tot

L2 ANSWER 1 OF 7 USPATFULL
 TI High level of expression of ingap in bacterial and euryotic cells
 AB Removal of the nucleotide sequence encoding the signal peptide from the
 INGAP coding sequence allows cultured cells to express substantial
 amounts of INGAP activity. Previous attempts have provided only low
 yields of INGAP, possibly because the signal sequence of INGAP is toxic
 to the cells.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER:	1998:108255 USPATFULL
TITLE:	High level of expression of ingap in bacterial and euryotic cells
INVENTOR(S):	Vinik, Aaron I., Norfolk, VA, United States Pittenger, Gary L., Virginia Beach, VA, United States Rafaeloff-Phail, Ronit, Chesapeake, VA, United States Barlow, Scott W., Norfolk, VA, United States
PATENT ASSIGNEE(S):	Eastern Virginia Medical School of the Medical College of Hampton Roads, Norfolk, VA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5804421		19980908
APPLICATION INFO.:	US 1997-909725		19970812 (8)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1996-741096, filed on 30 Oct 1996, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Wax, Robert A.		
ASSISTANT EXAMINER:	Longton, Enrique D.		
LEGAL REPRESENTATIVE:	Banner & Witcoff, Ltd.		
NUMBER OF CLAIMS:	18		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	2 Drawing Figure(s); 2 Drawing Page(s)		
LINE COUNT:	848		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 2 OF 7 DGENE (C) 2003 THOMSON DERWENT

TI Expression of **islet neogenesis-associated protein** - from **recombinant construct** lacking signal peptide, useful in the treatment of diabetes

AN AAW64790 Protein DGENE

AB This sequence represents INGAP, an **islet neogenesis-associated protein**. This sequence is used in the construction of a **recombinant construct** having a coding sequence lacking a signal sequence and which is operably linked to transcription and translation initiation sites. This construct in a host cell is useful for producing recombinant mature INGAP, which is useful in the treatment of diabetes. High levels of INGAP expression can be achieved in bacterial and eukaryotic cells by removing the signal peptide as it is possibly toxic to cells.

ACCESSION NUMBER: AAW64790 Protein DGENE

TITLE: Expression of **islet neogenesis-associated protein** - from **recombinant construct** lacking signal peptide, useful in the treatment of diabetes

INVENTOR: Barlow S W; Pittenger G L; Rafaeloff-Phail R; Vinik A I

PATENT ASSIGNEE: (EVIR-N)EASTERN VIRGINIA MEDICAL SCHOOL.

PATENT INFO: US 5804421 A 19980908 14p

APPLICATION INFO: US 1997-909725 19970812

PRIORITY INFO: US 1997-909725 19970812

US 1996-741096 19961030

DOCUMENT TYPE: Patent

LANGUAGE: English

OTHER SOURCE: 1998-505656 [43]

L2 ANSWER 3 OF 7 DGENE (C) 2003 THOMSON DERWENT

TI Expression of **islet neogenesis-associated protein** - from **recombinant construct** lacking signal peptide, useful in the treatment of diabetes

AN AAW64789 Protein DGENE

AB This cDNA sequence is the signal peptide of INGAP, an **islet neogenesis-associated protein**. This sequence is removed during the construction of a **recombinant construct** which has a having a coding sequence lacking a signal sequence and which is operably linked to transcription and translation initiation sites. This construct in a host cell is useful for producing recombinant mature INGAP, which is useful in the treatment of diabetes. High levels of INGAP expression can be achieved in bacterial and eukaryotic cells by removing the signal peptide as it is possibly toxic to cells.

ACCESSION NUMBER: AAW64789 Protein DGENE

TITLE: Expression of **islet neogenesis-**

associated protein - from
recombinant construct lacking signal
peptide, useful in the treatment of diabetes
INVENTOR: Barlow S W; Pittenger G L; Rafaeloff-Phail R; Vinik A I
PATENT ASSIGNEE: (EVIR-N)EASTERN VIRGINIA MEDICAL SCHOOL.
PATENT INFO: US 5804421 A 19980908 14p
APPLICATION INFO: US 1997-909725 19970812
PRIORITY INFO: US 1997-909725 19970812
US 1996-741096 19961030
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: 1998-505656 [43]

L2 ANSWER 4 OF 7 DGENE (C) 2003 THOMSON DERWENT

TI Expression of **islet neogenesis-associated protein** - from **recombinant construct** lacking signal peptide, useful in the treatment of diabetes

AN AAV46422 cDNA DGENE

AB This cDNA sequence is an amplified PCR product of the **islet neogenesis-associated protein** (INGAP) which is used in the construction of a **recombinant construct** having a coding sequence lacking a signal sequence and is operably linked to transcription and translation initiation sites. This construct in a host cell is useful for producing recombinant mature INGAP, which is useful in the treatment of diabetes. High levels of INGAP expression can be achieved in bacterial and eukaryotic cells by removing the signal peptide as it is possibly toxic to cells.

ACCESSION NUMBER: AAV46422 cDNA DGENE

TITLE: Expression of **islet neogenesis-associated protein** - from **recombinant construct** lacking signal peptide, useful in the treatment of diabetes

INVENTOR: Barlow S W; Pittenger G L; Rafaeloff-Phail R; Vinik A I

PATENT ASSIGNEE: (EVIR-N)EASTERN VIRGINIA MEDICAL SCHOOL.

PATENT INFO: US 5804421 A 19980908 14p

APPLICATION INFO: US 1997-909725 19970812

PRIORITY INFO: US 1997-909725 19970812

US 1996-741096 19961030

DOCUMENT TYPE: Patent

LANGUAGE: English

OTHER SOURCE: 1998-505656 [43]

L2 ANSWER 5 OF 7 DGENE (C) 2003 THOMSON DERWENT

TI Expression of **islet neogenesis-associated protein** - from **recombinant construct** lacking signal peptide, useful in the treatment of diabetes

AN AAV46420 DNA DGENE

AB AAV46420 and AAV46421 are PCR primers used in the construction of a recombinant **islet neogenesis-associated protein** (INGAP) which has a coding sequence lacking a signal sequence and which is operably linked to transcription and translation initiation sites. This construct in a host cell is useful for producing recombinant mature INGAP, which is useful in the treatment of diabetes. High levels of INGAP expression can be achieved in bacterial and eukaryotic cells by removing the signal peptide as it is possibly toxic to cells.

ACCESSION NUMBER: AAV46420 DNA DGENE

TITLE: Expression of **islet neogenesis-associated protein** - from **recombinant construct** lacking signal peptide, useful in the treatment of diabetes

INVENTOR: Barlow S W; Pittenger G L; Rafaeloff-Phail R; Vinik A I

PATENT ASSIGNEE: (EVIR-N)EASTERN VIRGINIA MEDICAL SCHOOL.

PATENT INFO: US 5804421 A 19980908 14p

APPLICATION INFO: US 1997-909725 19970812
PRIORITY INFO: US 1997-909725 19970812
US 1996-741096 19961030
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: 1998-505656 [43]

L2 ANSWER 6 OF 7 DGENE (C) 2003 THOMSON DERWENT
TI Expression of **islet neogenesis-associated protein** - from **recombinant construct** lacking signal peptide, useful in the treatment of diabetes
AN AAV46419 cDNA DGENE
AB This cDNA sequence is the 5'-end of the **islet neogenesis-associated protein** (INGAP). This sequence is used in the construction of a **recombinant construct** having a coding sequence lacking a signal sequence and which is operably linked to transcription and translation initiation sites. This construct in a host cell is useful for producing recombinant mature INGAP, which is useful in the treatment of diabetes. High levels of INGAP expression can be achieved in bacterial and eukaryotic cells by removing the signal peptide as it is possibly toxic to cells.

ACCESSION NUMBER: AAV46419 cDNA DGENE
TITLE: Expression of **islet neogenesis-associated protein** - from **recombinant construct** lacking signal peptide, useful in the treatment of diabetes
INVENTOR: Barlow S W; Pittenger G L; Rafaeloff-Phail R; Vinik A I
PATENT ASSIGNEE: (EVIR-N)EASTERN VIRGINIA MEDICAL SCHOOL.
PATENT INFO: US 5804421 A 19980908 14p
APPLICATION INFO: US 1997-909725 19970812
PRIORITY INFO: US 1997-909725 19970812
US 1996-741096 19961030
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: 1998-505656 [43]

L2 ANSWER 7 OF 7 DGENE (C) 2003 THOMSON DERWENT
TI Expression of **islet neogenesis-associated protein** - from **recombinant construct** lacking signal peptide, useful in the treatment of diabetes
AN AAV46421 DNA DGENE
AB AAV46420 and AAV46421 are PCR primers used in the construction of a recombinant **islet neogenesis-associated protein** (INGAP) which has a coding sequence lacking a signal sequence and which is operably linked to transcription and translation initiation sites. This construct in a host cell is useful for producing recombinant mature INGAP, which is useful in the treatment of diabetes. High levels of INGAP expression can be achieved in bacterial and eukaryotic cells by removing the signal peptide as it is possibly toxic to cells.

ACCESSION NUMBER: AAV46421 DNA DGENE
TITLE: Expression of **islet neogenesis-associated protein** - from **recombinant construct** lacking signal peptide, useful in the treatment of diabetes
INVENTOR: Barlow S W; Pittenger G L; Rafaeloff-Phail R; Vinik A I
PATENT ASSIGNEE: (EVIR-N)EASTERN VIRGINIA MEDICAL SCHOOL.
PATENT INFO: US 5804421 A 19980908 14p
APPLICATION INFO: US 1997-909725 19970812
PRIORITY INFO: US 1997-909725 19970812
US 1996-741096 19961030
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: 1998-505656 [43]

b345;s pn=us 5804421;t1/39/1
 20feb03 10:39:59 User259289 Session D494.1
 \$0.00 0.079 DialUnits File415
 \$0.00 Estimated cost File415
 \$0.46 TELNET
 \$0.46 Estimated cost this search
 \$0.46 Estimated total session cost 0.079 DialUnits

File 345:Inpadoc/Fam.& Legal Stat 1968-2003/UD=200306
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Set	Items	Description
S1	1	PN=US 5804421

Applicant

1/39/1
 DIALOG(R)File 345:Inpadoc/Fam.& Legal Stat
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14326486
 Basic Patent (No,Kind,Date): WO 9818913 A1 19980507 <No. of Patents: 007>
 Patent Family:

Patent No	Kind	Date	Applic No	Kind	Date
AU 9750007	A1	19980522	AU 9750007	A	19971030
AU 727237	B2	20001207	AU 9750007	A	19971030
EP 1007647	A1	20000614	EP 97912942	A	19971030
EP 1007647	A4	20010926	EP 97912942	A	19971030
JP 2001502916	T2	20010306	JP 98520665	A	19971030
US 5804421	A	19980908	US 909725	A	19970812
WO 9818913	A1	19980507	WO 97US19415	A	19971030 (BASIC)

Priority Data (No,Kind,Date):
 US 741096 A 19961030
 WO 97US19415 W 19971030
 US 909725 A 19970812
 US 741096 B2 19961030

PATENT FAMILY:
 AUSTRALIA (AU)

Patent (No,Kind,Date): AU 9750007 A1 19980522
 HIGH LEVEL OF EXPRESSION OF INGAP (English)
 Patent Assignee: EASTERN VIRGINIA MEDICAL SCHOO
 Author (Inventor): VINIK AARON I; PITTINGER GARY I; RAFAELOFF RONIT;
 BARLOW SCOTT W

Priority (No,Kind,Date): US 741096 A 19961030; WO 97US19415 W
 19971030

Applic (No,Kind,Date): AU 9750007 A 19971030

IPC: * C12N-015/00; C07H-021/04; C07K-001/22

CA Abstract No: * 128(26)318010E

Derwent WPI Acc No: * C 98-272209

Language of Document: English

Patent (No,Kind,Date): AU 727237 B2 20001207

HIGH LEVEL OF EXPRESSION OF INGAP (English)

Patent Assignee: EASTERN VIRGINIA MEDICAL SCHOO

Author (Inventor): VINIK AARON I; PITTINGER GARY I; RAFAELOFF RONIT;
 BARLOW SCOTT W

Priority (No,Kind,Date): US 741096 A 19961030; WO 97US19415 W
 19971030

Applic (No,Kind,Date): AU 9750007 A 19971030

IPC: * C12N-015/00; C07H-021/04; C07K-001/22

CA Abstract No: * 128(26)318010E; 129(17)212539Q

Derwent WPI Acc No: * C 98-272209; C 98-505656

Language of Document: English

CANADA (CA)

Legal Status (No,Type,Date,Code,Text):

CA 2270412 P 19990429 CA REFW CORRESPONDS TO PCT
APPLICATION (ENTSPRICHT PCT ANMELDUNG)
WO 9818913 P

EUROPEAN PATENT OFFICE (EP)

Patent (No,Kind,Date): EP 1007647 A1 20000614

HIGH LEVEL OF EXPRESSION OF INGAP (English; French; German)

Patent Assignee: EASTERN VIRGINIA MEDICAL SCHOO (US)

Author (Inventor): VINIK AARON I (US); PITTENGER GARY I (US);

RAFAELOFF RONIT (US); BARLOW SCOTT W (US)

Priority (No,Kind,Date): WO 97US19415 W 19971030; US 741096 A
19961030

Applic (No,Kind,Date): EP 97912942 A 19971030

Designated States: (National) AT; BE; CH; DE; DK; ES; FI; FR; GB; GR;
IE; IT; LI; LU; MC; NL; PT; SE

IPC: * C12N-015/00; C07H-021/04; C07K-001/22

CA Abstract No: * 128(26)318010E; 129(17)212539Q

Derwent WPI Acc No: * C 98-272209; C 98-505656

Language of Document: English

Patent (No,Kind,Date): EP 1007647 A4 20010926

HIGH LEVEL OF EXPRESSION OF INGAP (English; French; German)

Patent Assignee: EASTERN VIRGINIA MEDICAL SCHOO (US)

Author (Inventor): VINIK AARON I (US); PITTENGER GARY I (US);

RAFAELOFF RONIT (US); BARLOW SCOTT W (US)

Priority (No,Kind,Date): WO 97US19415 W 19971030; US 741096 A
19961030

Applic (No,Kind,Date): EP 97912942 A 19971030

Designated States: (National) AT; BE; CH; DE; DK; ES; FI; FR; GB; GR;
IE; IT; LI; LU; MC; NL; PT; SE

IPC: * C12N-015/00; C07H-021/04; C07K-001/22; C07K-014/47

CA Abstract No: * 128(26)318010E; 129(17)212539Q

Derwent WPI Acc No: * C 98-272209; C 98-505656

Language of Document: English

EUROPEAN PATENT OFFICE (EP)

Legal Status (No,Type,Date,Code,Text):

EP 1007647 P 19961030 EP AA PRIORITY (PATENT
APPLICATION) (PRIORITAET (PATENTANMELDUNG))

US 741096 A 19961030
EP 1007647 P 19971030 EP AA PCT-APPLICATION
(PCT-ANMELDUNG)

WO 97US19415 W 19971030
EP 1007647 P 19971030 EP AE EP-APPLICATION
(EUROPAEISCHE ANMELDUNG)

EP 97912942 A 19971030
EP 1007647 P 20000614 EP AK DESIGNATED CONTRACTING
STATES IN AN APPLICATION WITH SEARCH REPORT:
(IN EINER ANMELDUNG BENANNTEN VERTRAGSSTAATEN)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC
NL PT SE
EP 1007647 P 20000614 EP AX ERSTRECKUNG DES
EUROPAEISCHEN PATENTS AUF (ZAHLUNG VON
BENENNUNGSGEBUEHREN)
AL PAYMENT 19990519;LT PAYMENT 19990519;LV
PAYMENT 19990519;RO PAYMENT 19990519;SI
PAYMENT 19990519

EP 1007647	P	20000614	EP A1	PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 1007647	P	20000614	EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 19990519
EP 1007647	P	20010919	EP RIC1	CLASSIFICATION (CORRECTION) (KLASSIFIKATION (KORR.)) 7C 12N 15/00 A, 7C 07H 21/04 B, 7C 07K 1/22 B, 7C 07K 14/47 B
EP 1007647	P	20010926	EP AK	DESIGNATED CONTRACTING STATES MENTIONED IN A SUPPLEMENTARY SEARCH REPORT: (IN EINEM ERGAENZENDEN RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
				AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE
EP 1007647	P	20010926	EP A4	SUPPLEMENTARY SEARCH REPORT (ERGAENZENDER RECHERCHENBERICHT) 20010813
EP 1007647	P	20021009	EP 17Q	FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHIED) 20020822

JAPAN (JP)

Patent (No,Kind,Date): JP 2001502916 T2 20010306
 Priority (No,Kind,Date): WO 97US19415 W 19971030; US 741096 A
 19961030
 Applic (No,Kind,Date): JP 98520665 A 19971030
 IPC: * C12N-015/09; C07K-001/22; C12N-001/15; C12N-001/19; C12N-001/21
 ; C12N-005/10; C12P-021/02
 CA Abstract No: * 128(26)318010E; 129(17)212539Q
 Derwent WPI Acc No: * C 98-272209; C 98-505656
 Language of Document: Japanese

UNITED STATES OF AMERICA (US)

Patent (No,Kind,Date): US 5804421 A 19980908
 HIGH LEVEL OF EXPRESSION OF INGAP IN BACTERIAL AND EURARYOTIC CELLS
 (English)
 Patent Assignee: EASTERN VIRGINIA MEDICAL SCHOO (US)
 Author (Inventor): VINIK AARON I (US); PITTENGER GARY L (US);
 RAFAELOFF-PHAIL RONIT (US); BARLOW SCOTT W (US)
 Priority (No,Kind,Date): US 909725 A 19970812; US 741096 B2
 19961030
 Applic (No,Kind,Date): US 909725 A 19970812
 National Class: * 435069100; 435252300; 435320100; 536023100;
 536023500; 536024100; 530350000
 IPC: * C12N-015/00
 CA Abstract No: ; 129(17)212539Q
 Derwent WPI Acc No: ; C 98-505656
 Language of Document: English

UNITED STATES OF AMERICA (US)

Legal Status (No,Type,Date,Code,Text):
 US 5804421 P 19961030 US AA PRIORITY
 US 741096 B2 19961030
 US 5804421 P 19970812 US AE APPLICATION DATA (PATENT)
 (APPL. DATA (PATENT))
 US 909725 A 19970812
 US 5804421 P 19971202 US AS02 ASSIGNMENT OF ASSIGNOR'S
 INTEREST
 EASTERN VIRGINIA MEDICAL SCHOOL OF THE

MEDICAL COLLEGE OF HAMPTON ROADS NORFOLK, ;
VINIK, AARON I. : 19971021; PITTENGER, GARY
L. : 19971021; RAFAELOFF-PHAIL, RONIT :
19971021; BARLOW, SCOTT W. : 19971021

US 5804421 P 19980908 US A PATENT
US 5804421 P 20001121 US RF REISSUE APPLICATION FILED
(REISSUE APPL. FILED)
20000908

WORLD INTELLECTUAL PROPERTY ORGANIZATION, PCT (WO)

Patent (No,Kind,Date): WO 9818913 A1 19980507

HIGH LEVEL OF EXPRESSION OF INGAP (English)

Patent Assignee: EASTERN VIRGINIA MEDICAL SCHOO (US)

Author (Inventor): VINIK AARON I; PITTENGER GARY I; RAFAELOFF RONIT;
BARLOW SCOTT W

Priority (No,Kind,Date): US 741096 A 19961030

Applic (No,Kind,Date): WO 97US19415 A 19971030

Designated States: (National) AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY;
CA; CH; CN; CU; CZ; DE; DK; EE; ES; FI; GB; GE; GH; HU; ID; IL; IS;
JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV; MD; MG; MK; MN;
MW; MX; NO; NZ; PL; PT; RO; RU; SD; SE; SG; SI; SK; SL; TJ; TM; TR;
TT; UA; UG; UZ; VN; YU; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM
(Regional) GH; KE; LS; MW; SD; SZ; UG; ZW; AT; BE; CH; DE; DK; ES; FI
; FR; GB; GR; IE; IT; LU; MC; NL

Filing Details: WO 100000 With international search report

IPC: * C12N-015/00; C07H-021/04; C07K-001/22

CA Abstract No: ; 128(26)318010E

Derwent WPI Acc No: ; C 98-272209

Language of Document: English

WORLD INTELLECTUAL PROPERTY ORGANIZATION, PCT (WO)

Legal Status (No,Type,Date,Code,Text):

WO 9818913	P	19961030	WO AA	PRIORITY (PATENT)
		US 741096	A	19961030
WO 9818913	P	19971030	WO AE	APPLICATION DATA (APPL. DATA)
		WO 97US19415	A	19971030
WO 9818913	P	19980507	WO AK	DESIGNATED STATES CITED IN A PUBLISHED APPLICATION WITH SEARCH REPORT (DESIGNATED STATES CITED IN A PUBLISHED APPL. WITH SEARCH REPORT)
		AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW AM AZ BY KG KZ MD RU TJ TM		
WO 9818913	P	19980507	WO AL	DESIGNATED COUNTRIES FOR REGIONAL PATENTS CITED IN A PUBLISHED APPLICATION WITH SEARCH REPORT (DESIGNATED COUNTRIES FOR REGIONAL PATENTS CITED IN A PUBLISHED APPL. WITH SEARCH REPORT)
		GH KE LS MW SD SZ UG ZW AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL		
WO 9818913	P	19980507	WO A1	PUBLICATION OF THE INTERNATIONAL APPLICATION WITH THE INTERNATIONAL SEARCH REPORT (PUB. OF THE INTERNATIONAL APPL. WITH THE INTERNATIONAL SEARCH REPORT)
WO 9818913	P	19980730	WO DFPE	REQUEST FOR PRELIMINARY EXAMINATION FILED PRIOR TO EXPIRATION OF 19TH MONTH FROM PRIORITY DATE
WO 9818913	P	19980916	WO 121	EP: PCT APP. ART. 158 (1)

(EP: PCT ANM. ART. 158 (1))
WO 9818913 P 19990429 WO ENP ENTRY INTO THE NATIONAL
PHASE IN:
CA 2270412 AA
WO 9818913 P 19990430 WO ENP ENTRY INTO THE NATIONAL
PHASE IN:
JP 98520665 A
WO 9818913 P 19990902 DE 8642/REG IMPACT ABOLISHED FOR DE
(WIRKUNG WEGGEFALLEN FUER DE)

?